Everyday Science

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Water has maximum density at _____?
A. 0°C
B. 4°c
C. 40K
D. 4.8°C
ANSWER: B

A slow-running pendulum clock can be speeded up by?
A. Reducing the weight of the bob
B. Reducing the length of the rod
C. Increasing the weight of the bob
D. Increasing the length of the rod
ANSWER: B

Which gas is commonly used in balloons and airships?
A. Hydrogen
B. Helium
C. Carbon
D. Hydrogen Sulphide
ANSWER: B

Radioactivity was first discovered by?
A. Pasteur
B. Newton
C. Watson
D. Madam
ANSWER: D

The working principle of a washing machine is?
A. Diffusion
B. Reverse osmosis
C. Dialysis
D. Centrifugation
ANSWER: D

The major component of honey is:
A. Glucose
B. Maltose
C. Fructose
D. Sucrose
ANSWER: A

The main chemical substance present in the bones and teeth of animals is:
A. Sodium Chloride
B. Sugar
C. Calcium Phosphate
D. Calcium sulphate
ANSWER: C

Water vapour beyond the dew point result in
A. Precipitation
B. Hailstorm
C. Condensation
D. Formation of ice
ANSWER: C

Which of the following types radiations is absorbed by the upper layer of the atmosphere?
A. Radio-waves
B. Infrared
C. Visible
D. Ultraviolet
ANSWER: B

The theory of Expanding Universe ' was first propounded by?
A. Einstein
B. Newton
C. Hubble
D. Galileo
ANSWER: C

Fuse wire is made of _____?
A. 63% lead arid 37% tin
B. 63% tin and 37% aluminum
C. 63% tin and 37% lead
D. 63% lead and 37% aluminum
ANSWER: C

For being able to see three- dimensional pictures we have to use
A. A bioncular
B. An epidiascope
C. A stereoscope
D. A camera
ANSWER: B

A satellite moving round the earth with a uniform speed has _____?
A. An accelerated motion
B. No acceleration at all
C. Uniform acceleration
D. Uneven acceleration
ANSWER: C

Materials for rain-proof coats and tents owe their water proof properties to _____?
A. Surface tension
B. Viscosity
C. Elasticity
D. Specific gravity
ANSWER: A

The absorption of ink by blotting paper involves:
A. Viscosity of ink

B. Capillary action phenomenon
C. Diffusion of ink through the blotting
D. Siphon action
ANSWER: B
Detergents dissolved in water help in cleaning clothes by
A. Increasing the temperature of water
B. Reacting chemically with dirt
C. Reducing the surface tension of water
D. Dissolving dirt
ANSWER: C

The cracking sound heard when dry hair is combed with a hard rubber comb is due to:
A. The hair barging against the charged comb
B. Small electric sparks
C. The rubbing of the comb with the hair
D. None of them
ANSWER: D
In order to prevent the corrosion of iron pipes they are often coated with a layer of zinc. This process is termed as:
A. Electroplating
B. Annealing
C. Galvanization
D. Vulcanization
ANSWER: C
Scalding with steam is more severe than scalding by boiling water because
A. Steam can penetrate the skin
B. Steam is at a higher temperature
C. Steam contains more energy than boiling water
D. Steam is at a higher pressure
ANSWER: C
An instrument to detect the purity of milk is _____?
A. Lactometer
B. Manometer
C. Sonometer
D. Hygrometer
ANSWER: A
Heating element of an electric heater is made up of _____?
A. Tungsten
B. Graphite
C. Chromium
D. Nichrome
ANSWER: D
As the temperature of ice rises, the ice melts and its density _____.
A. Decreases
B. Remains constant
C. Increases
D. Increases upto 10 °C
ANSWER: C
In blood, the percentage of water is _____.
A. 75%
B. 85%
C. 90%
D. 95%
ANSWER: C
Coke is made by heating coal in the absence of air at:
A. 700 °C
B. 1300 °C
C. 900 °C
D. 1700 °C
ANSWER:

Why are soft drinks made with chilled water rather than water at room temperature?
A. Ingredients dissolve better in chilled water
B. Chilled water enhances the taste
C. Chilled water attracts more carbon dioxide
D. Chilled water is more hygienic
ANSWER: C
Which gas is used in the preparation of soft drinks?
A. Oxygen
B. Carbon dioxide
C. Nitrogen
D. Halogens
ANSWER: B
A woman's voice is shriller than a man's due to _____?
A. Higher Frequency
B. Lower frequency
C. Higher amplitude
D. Weak vocal chords
ANSWER: A
Which one of the following units represents the largest amount of energy?
A. Electron volt
B. Joule

C. Erg
D. Calorie
ANSWER: D
Which one of the following would give the highest energy per gram?
A. Glucose
B. Fat
C. Proteins
D. Sucrose
ANSWER: B
A man is standing on a weighing machine in a lift which is moving. The weighing machine will show minimum reading when, the lift is moving
A. In a free fall due to failure of the lift mechanism
B. Upward with uniform acceleration
C. Downward with uniform acceleration
D. Upward with uniform speed
ANSWER: A
In an oil lamp, the oil rises up in the wick due to _____?
A. Capillary action
B. Atmospheric pressure
C. Viscosity of oil
D. Change in temperature
ANSWER: A
The approximate intensity level of the sound which can caused damage to the ear drum is _____?
A. 100 dB
B. 60 dB
C. 160 dB
D. 20 dB
ANSWER: A

During a total solar eclipse there is most likely to be _____.
A. A decrease in the rate of photosynthesis
B. An increase in the rate of photosynthesis
C. A decrease in the rate of respiration
D. No effect on either photosynthesis or respiration
ANSWER: A
When water is filled in a bottle and is allowed to freeze, the bottle breaks because _____?
A. Water expands on freezing
B. Bottle contracts at freezing point
C. Temperature outside the bottle is less than that inside the bottle
D. None of them
ANSWER: A
The most abundant element in Earth's crust is _____?
A. Silicon
B. Iron
C. Aluminum
D. Oxygen
ANSWER: D
The sky appears blue because the earth's atmosphere _____?
A. Scatters blue light
B. Transmits blue light
C. Reflects blue light
D. Has actual blue cover
ANSWER: C
The property by virtue of which metals can be beaten into thin sheets is known as:
A. Density
B. Malleability
C. Conductivity
D. Ductility
ANSWER: B
Steering of a car involves:
A. A pair of forces acting along the same line and in opposite direction
B. Two forces acting in the same direction
C. Two forces acting along different lines and in opposite direction
D. A single force
ANSWER: A
Which one of the following is the main culprit in the thinning of Ozone layer in the earth's stratosphere?
A. Methane
B. Chlorofluorocarbons
C. Nitrogen oxides
D. Carbon dioxide
ANSWER: C
Which one of the following sets of colour combinations is added in colour vision in TV?
A. Red, green and blue
B. Orange, black and violet
C. White, red and Yellow
D. Green, Yellow and Blue

ANSWER: A

Acid rain contains high levels of _____?
A. Oxalic acid
B. Acetic acid
C. Sulphuric and nitric acids
D. Carbolic acid
ANSWER: C
Which one of the following metals pollutes the air of a city having large number of automobiles?
A. Cadmium
B. Chromium
C. Lead
D. Copper
ANSWER: C
Water is a highly effective coolant for a car engine because _____
A. Water is good conductor of heat
B. Water has very high specific heat capacity
C. Water boils at a comparatively high temperature
D. Evaporation of water produces lot of cooling
ANSWER: A
Hemoglobin in the blood is a complex protein rich in
A. Copper
B. Iron
C. Silver
D. Gold
ANSWER: B
As the amount of clay in a soil increases, its water retaining capacity _____
A. Increases
B. Decreases
C. Remains unchanged
D. None of Above
ANSWER: A
The part of the body directly affected by Pneumonia is _____
A. Respiratory system
B. Bone tissue
C. Nervous system
D. Epidermal tissue
ANSWER: D
The heart of a normal adult human being weighs about _____
A. 200 grams
B. 300 grams
C. 400 grams
D. 500 grams
ANSWER: B
Sodium depletion occurs in excessive sweating, and cannot be corrected by drinking water alone. When uncorrected, it may lead to
A. Increase of urea in blood
B. Swelling of ankles and feet
C. Muscle cramps, loss of energy, fatigue and faintness
D. Renal failure
ANSWER: C

Trachoma is a disease of the _____
A. Brain
B. Ear
C. Eye
D. Larynx
ANSWER: C
Which of the following is the name of the smallest part of the matter discovered by the scientists?
A. Proton
B. Neutron
C. Positron
D. Quark
ANSWER: D
The most important stimulant in tea leaves is
A. Brucine
B. caffeine
C. Phenylalanine
D. Theine
ANSWER: B
The snow on the mountains does not melt all at once when it is heated by the sun because _____
A. It becomes very hard It
B. It reflects most of the heat from the sun
C. It has a low specific heat capacity
D. It has a high latent heat of fusion
ANSWER: B
Dolly is the name of the _____
A. First cloned sheep
B. First cloned monkey
C. First test-tube baby

D. First human fossil
ANSWER: A
Where does the oxygen that keeps us alive come from?
A. Carbon dioxide
B. Carbonates absorbed from soil
C. Oxides of minerals
D. Water
ANSWER: A
Quantity of fresh air required for a man is _____
A. 1000 cubic feet of air for every 20 minutes
B. 1000 cubic feet of air for every 20 seconds
C. 1000 cubic feet of air for every 10 minutes
D. 1000 cubic feet of air for every 10 seconds
ANSWER: A
Atmospheric pressure exerted on the earth is due to the _____
A. Rotation of the Earch
B. Revolution of the earth
C. Grasvitational pull
D. Uneven heating of the earth
ANSWER: C

Permanent magnets can be made from
A. Aluminum
B. Lead
C. Zinc
D. Cobalt
ANSWER: D
Which one of the following raw material is used in the manufacture of foam used in mattresses cushions etc.
A. Phenol
B. Urea
C. Methanol
D. Ethanol
ANSWER: A
A nuclear reactor harnesses nuclear energy by
A. Nuclear fusion
B. Spontaneous fission
C. Uncontrolled chain reaction
D. Controlled chain reaction
ANSWER: D
Approximately, how many times each day do our heart valves open and close normally?
A. 10,000
B. 1,00,000
C. 1,50,000
D. 2,00,000
ANSWER: B
After long periods of use, a gray spot develops on the inside of a bulb. This is because of:
A. The tungsten filament evaporates and collects there
B. The heat of the bulb scorches the glass at the top
C. Dust inside the bulb condenses on the top
D. Glass undergoes a change due to the heat
ANSWER: A
Where is blood formed in the human body?
A. Heart
B. Bone marrow
C. Spleen
D. Liver
ANSWER: A
Most of the ozone in the atmosphere is concentrated in the _____
A. Mesosphere
B. Troposphere
C. Stratosphere
D. Ionosphere
ANSWER: C
Nitrogen occurs in plants and animals in the form of_____.
A. Minerals
B. Fats
C. Carbohydrates
D. Proteins
ANSWER: D

A Fahrenheit thermometer indicates a temperature of 14°F. Its corresponding reading on the Celsius scale will be _____
A. -20 C
B. +20 C
C. -10 C
D. +10 C
ANSWER: C
Lead ball falls through water more slowly than through air because

A. The value of ‘g’ is less in water
B. Density of air is less than that of water
C. Of the viscous force in water
D. Of the surface tension of water
ANSWER: C

The rear view mirror of a motor vehicle is _____
A. Concave
B. Plane
C. Convex
D. Biconcave
ANSWER: C

The primary function of the feathers in birds is to
A. Provide insulation for preserving body heat
B. Provide striking surface to the wings for flying
C. Make the body surface waterproof
D. Impart colouration for species as well as sex recognition
ANSWER: B

What is Stealth Technology?
A. A device which when attached to an aircraft makes it invisible on the radar
B. A technology by using which paratroopers can be dropped stealthily behind the enemy columns
C. A coating which reduces the visibility of an aircraft on a radar
D. A technology by which it is possible for the aircrafts to spy in the enemy air-space
ANSWER: C

Bats can also fly in dark because they are capable of taking the help of _____
A. Ultraviolet Waves
B. Ultrasonic Waves
C. Electromagnetic Waves
D. Special Retina
ANSWER: B

The Green House Effect is caused by an excess of _____
A. Carbon dioxide
B. Carbon monoxide
C. Carbon tetrachloride
D. None of the above
ANSWER: A

Amino acids are a product of the digestion of _____
A. Carbohydrates
B. Fats
C. Vitamins
D. Proteins
ANSWER: D

The cow's milk contains how much amount of water in terms of percentage?
A. 60
B. 70
C. 75
D. 80
ANSWER: D

A train goes past a railway station at a high speed. A young boy standing on the edge of the platform is likely to _____?
A. Fall away from the train
B. Remain unaffected
C. Fall towards the train
D. Fall away from or towards the train depending upon the speed
ANSWER: C

An iceberg is floating in sea. How much of its mass will remain above the surface of water?
A. One tenth
B. One fifth
C. One fourth
D. One Third
ANSWER: A

An astronaut inside a spacecraft is in a state of weightlessness. This implies that
A. The mass of the astronaut is reduced to zero
B. Gravity inside the spacecraft ceases to act
C. The astronaut is outside the
D. The astronaut and the spacecraft are both in a free-falling state
ANSWER: D

The sun appears red at sunrise and sunset while it appears white at noon because of _____
A. Refraction
B. It is cooler at sunrise and at sunset
C. Diffraction leading to red end of the spectrum reaching the earth
D. Scattering of light due to dust particles and air molecules
ANSWER: D

A lake starts freezing because of the cold atmosphere, It will first freeze
A. At the bottom
B. In the middle part
C. At the top surface
D. Uniformly throughout the water body
ANSWER: C

The beautiful colour pattern exhibited by a peacock in its tail feathers are
A. Selective absorption of light
B. Selective reflection of light
C. Interference of light
D. Natural colour pattern of feathers
ANSWER: A

What is the average adult pulse rate?
A. 140-150
B. 60-80
C. 72-80
D. 115-125
ANSWER: D

When a person enters a dark room from bright light he is not able to see clearly for little while because _____
A. Eye is unable to adjust itself immediately
B. Retina becomes insensitive momentarily
C. Iris is unable to dilate the pupil immediately
D. Distance between the lens and retina take time to adjust
ANSWER: C

Which part of the camera is analogue to the retina in the human eye?
A. Lens
B. Film
C. Aperture
D. Shutter
ANSWER: B

T.V. transmission cannot cover a very large area because _____
A. The strength of T.V. waves is very limited
B. Picture cannot be transmitted clearly after a specific distance
C. The shape of the earth is spherical
D. The air is not a good conductor of light and sound/waves
ANSWER: C

A light year is the unit of _____.
A. Light
B. Distance
C. Speed
D. Space
ANSWER: B

In eye donation, which one of the parts of donor's eye is utilized?
A. Lens
B. Retina
C. Cornea
D. Iris
ANSWER: C

One kilowatt-hour is the amount of electrical energy that is consumed by 1000 watt appliance in ____.
A. 30 minutes
B. 45 minutes
C. 1 hour
D. 1 our and 15 minutes
ANSWER: C

The meter installed in our homes measure electricity in _____.
A. KWh
B. WKh
C. Hkw
D. Khw
ANSWER: A

One thousand watt power is called as _____.
A. 1.0 kilowatt
B. 0.8 kilowatt
C. 1.5 kilowatt
D. 0.5 kilowatt
ANSWER: A

Bio gas is the common name of _____.
A. Nitrogen
B. Natural gas
C. Carbon dioxide
D. Oxygen
ANSWER: B

Yeast used in making of bread is a:
A. Fungus
B. Plant
C. Bacteria
D. Seed
ANSWER: A

When a gas turns into a liquid the process is called:
A. Condensation
B. Evaporation
C. Deposition
D. Sublimation
ANSWER: A
The Earth takes about _____ to complete one rotation around its axis.
A. 48 hours
B. One month
C. 24 hours
D. 365 days
ANSWER: C
Units of electricity consumed by 2500 watt air-conditioner in one hour are:
A. 0.25 units
B. 1.25 units
C. 2.5 units
D. 25 units
ANSWER: D
If a U-238 nucleus splits into two identical parts, the two nuclei so produced will be _____.
A. Radioactive
B. Stable
C. Isotopes
D. Isobars
ANSWER: A
In the electricity meter, the digit to the extreme right is:
A. 1/5th of the unit
B. 1/10th of the unit
C. 1/100 of the unit
D. 1/1000th of the unit
ANSWER: B
what does a Syphygmanno meter measure?
A. Blood Pressure
B. Atmospheric Pressure
C. Pressure at the workplace
D. lung Pressure
ANSWER: A

Which one of the following can be used to focus sunlight?
A. Plane mirror
B. Concave lens
C. Concave mirror
D. Convex mirror
ANSWER: C
Which one of the following colours has the longest wavelength?
A. Yellow
B. Blue
C. Red
D. Green
ANSWER: C
Recently a group of scientists successfully cloned eight calves from the cells of a single cow. The experiment took place in:
A. Japan
B. Britain
C. Switzerland
D. USA
ANSWER: B
The longest and the strongest bone in the human body is _____.
A. Tibia
B. Femur
C. Pelvis
D. Jaw
ANSWER: B
Vinegar is prepared by the _____.
A. Fuming of date palms
B. Fermentation of rotten grapes
C. Fermentation of apple cider in the presence of air
D. Dehydration of wine
ANSWER: B
The gland which maintains body temperature is the _____.
A. Pituitary gland
B. Thyroid gland
C. Adrenals
D. Hypothalamus
ANSWER: B
Water is a universal solvent for what reactions?
A. Physical
B. Nuclear
C. Chemical
D. Biochemical
ANSWER: D
In July 2009 first Panda was born from frozen sperm in _____.
A. Russia
B. China
C. USA

D. France
ANSWER: B

For sending sound waves at large distance, which waves are used?
A. Infrared waves
B. Radio waves
C. Light waves
D. X-waves
ANSWER: B

Washing Soda in water behaves like _____.
A. Alkaline
B. Neutral
C. Acid
D. None of these
ANSWER: C

The satellites which revolve in such an orbit, so that they move with earth rotation are called:
A. Geo satellites
B. Stationary satellites
C. Geo-stationary satellites
D. Earth-space satellites
ANSWER: C

Optical fibers are the fine strands of _____.
A. Glass
B. Iron
C. Calcium
D. Mercury
ANSWER: A

Three dimensional image formed by laser is called _____.
A. Photograph
B. Hologram
C. Two dimensional sketch
D. Photocopy
ANSWER: B

The procedure of crushing the gallstones and kidney stone by laser is called _____.
A. MRI
B. Kidney surgery
C. Lithotripsy
D. Angiography
ANSWER: C

A mobile phone sends and receives messages through _____.
A. Radio waves
B. Ultraviolet waves
C. Micro waves
D. Sound waves
ANSWER: A

The waves used for sending signals to the satellite from ground station are _____.
A. Ultraviolet rays
B. X-rays
C. Sound waves
D. Micro waves
ANSWER: D

The range of a 100 meter high T.V. transmitter antenna is about:
A. 10 km
B. 20 km
C. 30 km
D. 50 km
ANSWER: C

According to the definition of 1 KWh, a 100 watt bulb consumes one unit of electricity in _____.
A. 1 Hour
B. 5 Hours
C. 8 Hours
D. 10 Hours
ANSWER: D

The carrier waves used for the radio transmission have frequency upto
A. 15 KHz
B. 30 KHz
C. 90 KHz
D. 150 KHz
ANSWER: B

After drinking contaminated water you would be most apt to develop symptoms of
A. Malaria
B. Yellow Fever
C. Typhoid fever
D. Dengue fever
ANSWER: C

The speed of sound is _____.
A. 300 meter per second
B. 315 meter per second
C. 340 meter per second
D. 362 meter per second
ANSWER: C

Silicon is a _____.
A. Superconductor
B. Conductor
C. Semi-conductor

D. Insulator
ANSWER: C
The device used ' for the measurement of current, voltage and resistance is:
A. AVO meter
B. Galvanometer
C. Ammeter
D. Ohm meter
ANSWER: A
In which country alcohol is used as fuel for vehicles?
A. USA
B. Brazil
C. Japan
D. Germany
ANSWER: B

All forms of energy that we use are ultimately transformed into _____.
A. Light energy
B. Heat energy
C. Chemical energy
D. Electrical energy
ANSWER: B
BTU is the abbreviation of _____.
A. British technical units
B. British thermal units
C. British textile units
D. British temperature units
ANSWER: B
In BTU system, one BTU is equal to:
A. 10.55 Joule
B. 1.055 Joule
C. 105.5 Joule
D. 10.55 Joule
ANSWER: D
In which system of units, gas bills are charged?
A. SI
B. CGS
C. BTU
D. None of Above
ANSWER: C
Video camera is used to convert _____.
A. Heat into x-rays
B. Sound into electrical signals
C. Picture into electrical signals
D. Electrical signals into pictures
ANSWER: C

Which type of blood of individuals are known as universal donor
A. Type A
B. Type B
C. Type AB
D. Type 0
ANSWER: D
Storage batteries commonly contain ____.
A. Copper
B. Lead
C. Iron
D. Mercury
ANSWER: B
The major part of natural gas, petroleum and coal consist of _____.
A. Carbon dioxide
B. Chlorine
C. Methane
D. CFC
ANSWER: C

Which one of the following is a metal?
A. Gypsum
B. Iron
C. Limestone
D. Granite
ANSWER: B
The amount of energy required by the children of age between one to three years is:
A. 300 K Calories
B. 600 K Calories
C. 1200 K Calories
D. 1500 K Calories
ANSWER: C
The amount of energy in wheat is:
A. 100 K Calories/100 gm
B. 245 K Calories /100 gm
C. 348 K Calories /100 gm
D. 490 K Calories /100 gm
ANSWER: C
What amount of fats give energy of 9.3 K Calories?
A. 2.0 gram
B. 0.5 gram
C. 1.0 gram
D. 4.1 gram
ANSWER: C
One gram of carbohydrates give _____ energy of the amount

A. 8.0 K Calories
B. 4.1 K Calories
C. 6.3 K Calories
D. 2 K Calories
ANSWER: B

The muscles, tissues and blood all are made up of _____.
A. Fats
B. Proteins
C. Vitamins
D. Carbohydrates
ANSWER: B

Silica is used in _____.
A. Plastic Making
B. Glass Making
C. Iron Making
D. Wood Making
ANSWER: B

Which type of blood of individuals are universal recipients?
A. Type A
B. Type A and B
C. Type O
D. Type B
ANSWER: B

Plutonium is used as _____.
A. Fuel for Nuclear Fission
B. Fuel for Nuclear Fusion
C. Source of Chemical Energy
D. Source of Light Energy
ANSWER: A

The human blood is divided into _____.
A. Five groups
B. Three groups
C. Four groups
D. Two groups
ANSWER: C

Deficiency of chloride cause the impaired growth in _____.
A. Animals
B. Plants
C. Young Man
D. Infants
ANSWER: D

For water purification, we use _____.
A. Chlorine
B. Flourine
C. Bromine
D. Lodine
ANSWER: A

Which of the following is involved in blood clotting?
A. Sodium
B. Magnesium
C. Potassium
D. Calcium
ANSWER: D

The second most abundant metal found in the earth's crust is _____.
A. Iron
B. Calcium
C. Sodium
D. Aluminum
ANSWER: A

The gases which are used by divers as an artificial atmosphere are helium and _____.
A. Oxygen
B. Nitrogen
C. Neon
D. Carbon monoxide
ANSWER: A

Air contains volume of carbon dioxide approximately _____.
A. 3 %
B. 33%
C. 0.3 %
D. 0.03%
ANSWER: D

Radar transmits short pulses of high frequency called
A. Infrared waves
B. Radio waves
C. Ultraviolet waves
D. Sound waves
ANSWER: B

A man can survive without food for _____.
A. One month
B. Two months
C. Three months
D. Four months
ANSWER: A

The penetration of x-rays through an object depends upon the object's _____.
A. Density
B. Shape
C. Pressure

D. Size
ANSWER: A
While dusting a carpet, we give a sudden jerk or beat it with a stick because _____.
A. Inertia of rest keeps the dust in its position and the dirt is removed by the movement of carpet away
B. Inertia of motion removes the dust
C. The jerk compensates for the force of adhesion between the dust and the carpet and the dust is removed
D. None of the these
ANSWER: B
The acid used in a car battery is _____.
A. Hydrochloric acid
B. Nitric acid
C. Sulphuric acid
D. Carbonic acid
ANSWER: C
Ice blocks are covered with sawdust
A. To prevent the dust from collecting on the ice
B. Because ice being cold cannot be lifted with bare hands
C. To provide necessary insulation from heat
D. None of the above
ANSWER: C
Friction can be reduced by changing over from _____.
A. Sliding to rolling
B. Dynamic to static
C. Potential energy to kinetic energy
D. Rolling to sliding
ANSWER: A
In railway tracks, a small gap is left between the rails _____.
A. To permit the shrinkage of metal
B. To save the cost of metal
C. To allow for the expansion during heat
D. None of the above
ANSWER: C

What does make the blood look red?
A. Red corpuscle
B. Hemoglobin
C. Plasma
D. Certain secretions
ANSWER: B
Steel is more elastic than rubber because _____.
A. Its density is high
B. It is a metal
C. Ratio of stress to strain is more
D. Ratio of stress to strain is less
ANSWER: C
Ball bearings are used in cycles, scooters etc. to _____.
A. Reduce the friction between the wheel and the axle
B. Increase the friction between the wheel and the axle
C. Reduce the friction between ground and the wheel
D. None of these
ANSWER: A
What is used in making of alloys?
A. Lime-stone
B. Chromium
C. Granite
D. Gypsum
ANSWER: B
To find the hidden secrets under the water, the ships and submarines use _____.
A. Radiation system
B. Sonar system
C. X-ray system
D. Radiation system
ANSWER: B
The volume percentage of nitrogen in air is _____.
A. 60%
B. 67%
C. 74%
D. 78%
ANSWER: D
The ray with high penetrating power is _____.
A. a-rays
B. β-rays
C. y-rays
D. x-rays
ANSWER: A
Which one of the following Greenhouse gases has the greatest warming effect?
A. Carbon dioxide
B. Methane
C. Carbon monoxide

D. Helium
ANSWER: A

What is the chemical name of bleaching powder?
A. Calcium Hypochlorite
B. Calcium Chlorate
C. Calcium Chloride
D. Chlorine
ANSWER: A

If a ship travels from fresh water to a sea or ocean, it will:
A. Rise a little higher
B. Sink completely
C. Sink a little lower
D. Remain unaffected
ANSWER: A

Liquids that evaporate quickly are known as _____ liquids.
A. Viscous
B. Transient
C. Volatile
D. Light
ANSWER: C

How many Acres are there in one Hectare?
A. 2.47
B. 3.47
C. 4.47
D. 5.47
ANSWER: A

The large plates of solar panels are painted _____.
A. White
B. Yellow
C. Black
D. Red
ANSWER: C

Which type of Uranium is used in the fission process?
A. Uranium – 234
B. Uranium - 235
C. Uranium - 236
D. Uranium - 237
ANSWER: B

Recording of brain waves from outer surface of head is called _____.
A. E.C.G.
B. MRI
C. C.T. scan
D. E.E.G
ANSWER: D